



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. 09/556,491
Filing Date April 21, 2000
Inventor Scott E. Moore et al.
Assignee Micron Technology, Inc.
Group Art Unit 3723
Examiner D. Thomas
Attorney's Docket No. MI22-1422
Title: "Semiconductor Processors, Sensors, and Semiconductor Processing Systems"

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

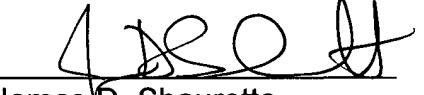
References -- See Attached Form PTO-1449

The attached form PTO-1449 is submitted in compliance with 37 CFR §1.56. No admission is made regarding whether all the submitted references are prior art.

Respectfully submitted,

Dated: 8/23/04

Attorney:


James D. Shaurette
Reg. No. 39,833

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| <p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p style="text-align: center;">LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)</p> <p style="text-align: center;">U.S. PATENT DOCUMENTS</p> | | | | | ATTY. DOCKET NO. MI22-1422 | | SERIAL NO. 09/556,491 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | APPLICANT Scott E. Moore et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | FILING DATE April 21, 2000 | | GROUP 3723 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>*Examiner Initial</th> <th>Document Number</th> <th>Date</th> <th colspan="2">Name</th> <th>Class</th> <th>Subclass</th> <th colspan="2">Filing Date If Appropriate</th> </tr> </thead> <tbody> <tr><td>AA</td><td>5,828,458</td><td>10/27/1998</td><td colspan="2">Taylor et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AB</td><td>6,100,976</td><td>8/8/2000</td><td colspan="2">Ackerson</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AC</td><td>3,653,767</td><td>4/4/1972</td><td colspan="2">Liskowitz</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AD</td><td>3,612,688</td><td>10/12/1971</td><td colspan="2">Liskowitz</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AE</td><td>6,307,630 B1</td><td>10/23/2001</td><td colspan="2">Banerjee</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AF</td><td>6,184,983 B1</td><td>2/6/2001</td><td colspan="2">Yamaguchi et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AG</td><td>5,912,737</td><td>6/15/1999</td><td colspan="2">Bannerjee et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AH</td><td>5,059,811</td><td>10/22/1999</td><td colspan="2">King et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AI</td><td>4,906,101</td><td>3/6/1990</td><td colspan="2">Lin et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AJ</td><td>4,263,511</td><td>4/21/1981</td><td colspan="2">Hirschberg</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AK</td><td>6,567,166 B2</td><td>5/20/2003</td><td colspan="2">Ottens et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AL</td><td>5,555,583</td><td>9/17/1996</td><td colspan="2">Berkcan</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AM</td><td>5,085,831</td><td>2/4/1992</td><td colspan="2">Hickey et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AN</td><td>4,441,960</td><td>4/10/1984</td><td colspan="2">Karnis et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AO</td><td>4,152,070</td><td>5/1/1979</td><td colspan="2">Kushner et al.</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AP</td><td>4,320,978</td><td>3/23/1982</td><td colspan="2">Sato</td><td></td><td></td><td colspan="2"></td></tr> <tr><td>AQ</td><td>4,874,243</td><td>10/17/1989</td><td colspan="2">Perren</td><td></td><td></td><td colspan="2"></td></tr> </tbody> </table> | | | | | | | | | *Examiner Initial | Document Number | Date | Name | | Class | Subclass | Filing Date If Appropriate | | AA | 5,828,458 | 10/27/1998 | Taylor et al. | | | | | | AB | 6,100,976 | 8/8/2000 | Ackerson | | | | | | AC | 3,653,767 | 4/4/1972 | Liskowitz | | | | | | AD | 3,612,688 | 10/12/1971 | Liskowitz | | | | | | AE | 6,307,630 B1 | 10/23/2001 | Banerjee | | | | | | AF | 6,184,983 B1 | 2/6/2001 | Yamaguchi et al. | | | | | | AG | 5,912,737 | 6/15/1999 | Bannerjee et al. | | | | | | AH | 5,059,811 | 10/22/1999 | King et al. | | | | | | AI | 4,906,101 | 3/6/1990 | Lin et al. | | | | | | AJ | 4,263,511 | 4/21/1981 | Hirschberg | | | | | | AK | 6,567,166 B2 | 5/20/2003 | Ottens et al. | | | | | | AL | 5,555,583 | 9/17/1996 | Berkcan | | | | | | AM | 5,085,831 | 2/4/1992 | Hickey et al. | | | | | | AN | 4,441,960 | 4/10/1984 | Karnis et al. | | | | | | AO | 4,152,070 | 5/1/1979 | Kushner et al. | | | | | | AP | 4,320,978 | 3/23/1982 | Sato | | | | | | AQ | 4,874,243 | 10/17/1989 | Perren | | | | | |
| *Examiner Initial | Document Number | Date | Name | | Class | Subclass | Filing Date If Appropriate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AA | 5,828,458 | 10/27/1998 | Taylor et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AB | 6,100,976 | 8/8/2000 | Ackerson | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC | 3,653,767 | 4/4/1972 | Liskowitz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AD | 3,612,688 | 10/12/1971 | Liskowitz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| AH | 5,059,811 | 10/22/1999 | King et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AI | 4,906,101 | 3/6/1990 | Lin et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AJ | 4,263,511 | 4/21/1981 | Hirschberg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| AL | 5,555,583 | 9/17/1996 | Berkcan | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AM | 5,085,831 | 2/4/1992 | Hickey et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AN | 4,441,960 | 4/10/1984 | Karnis et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AO | 4,152,070 | 5/1/1979 | Kushner et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AP | 4,320,978 | 3/23/1982 | Sato | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AQ | 4,874,243 | 10/17/1989 | Perren | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Document Number | Date | Country | Class | Subclass | Translation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| EXAMINER | | | | DATE CONSIDERED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |